Atty. Docket No. 4995.0005-INFORMATION DISCLOSURE CITATION Applicant (Use several sheets if nee Andrew Lees 400M PAGE 1 OF 2 Filing Date Group 1813 1816 March 22, 1995 6 U.S. PATENT DOCUMENTS \*Examiner Documen Sub Filing Date Initial Number Date Name Class Class If Appropriate 3,788,948 01/29/74 Kaqedal et al. 4,931,392 06/05/90 Rehner et al. 5,177,059 01/05/93 Handley et al. FOREIGN PATENT DOCUMENTS Document Sub Translation Number Date Country Class | Class Yes No 1,815,332 07/24/69 W. Germany Х 186,576 <u>07/02/86</u> Europe WO 93/15760 08/19/93 WIPO OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Carpenter et al., "Preparation of heparin-qlyceryl controlled-pore glass affinity media for the separation of  $\alpha$ - and  $\beta$ -lipoproteins," Journal of Chromatography, Vol. 573, 1992, pp. 132-135 Andersson et al. / "Binding of Epidermal Growth Factor-Dextran Conjugates to Cultured Glioma Cells," Int. J. Cancer, Vol. 47, 1991, pp. 439-444 "CDAP: Monoclona' Coupler, " Research Organics Inc. (Cleveland, Ohio) Wakselman et al. "1-Cyano-4-dimethylamino-pyridinium Salts: New Watersoluble Reagents for the Cyanylation of Protein Sulphydryl Groups," J.C.S. Chem. Comm., 1976, pp. 21-22 Kohn et al., "The Use of Cyanogen Bromide and Other Novel Cyanylating Agents for the Activation of Polysaccharide Resins, " Applied Biochemistry and Biotechnology, Vol. 9, 1984, pp. 285-305 Brunswick et al., "Picogram Quantities of Anti-Iq Antibodies Coupled to Dextran Induce B Cell Proliferation, " The Journal of Immunology, Vol. 140, No. 10, 1988, pp. 3364-3372 Dick, Jr., et al., "Glycoconjugates of Bacterial Carbohydrate Antigens," Conjugate Vaccines, Vol. 10, 1989, pp. 48-114 Franci et al., "Letter to the editors Re: Trinitrophenyl-protein conjugates are more complex than it is currently thought, " Journal of Immunological Methods, Vol. 86, 1986, pp. 155-156 Lees et al., "Enhanced immunogenicity of protein-dextran conjugates: I. Rapid stimulation of enhanced antibody responses to poorly immunogenic molecules, " Vaccine, Vol. 12, No. 13, 1994, pp. 1160-1166 Examiner Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



OMB No. 0651-0011

1			Accy. Docket No.	Serial No.				
			4995.0005-01	08/407	08/408,717 WS669 X			
INFORMATI	ON DISCLOSURE C	TATION	Applicant 6		<del>-, -<u>-</u> -</del> ,	7 0	<del>- //</del>	
(Use sever	al sheets if neg		Andrew Lees					
D	AGE 2 OF 2	COOM A	7414					
		JPR .	Filing Date	1813/8/				
		20 \$	March 22, 1995					
	152	1995 E	22, 1993	L				
	- Ar	A TORDEN T	J.S. PATENT DOCUMENTS					
*Examiner	Document				Sub Filing Date			
<u>Initial</u>	Number	<u>Date</u>	Name	Class	Class	If Appr		
					<u></u>			
FOREIGN PATENT DOCUMENTS  Document								
	Number	Date	Country	<b>~</b> 3	Sub	<u>Transl</u>	ation	
		2400	Country	Class	Class	Yes	No	
0	THER DOCUMENTS (	Including	Author, Title, Date Per	tinent D		L	<u> </u>	
	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)  Wilchek et al., "Affinity Chromatography," Methods in Enzymology, Vol.							
	104, 1704	104, 1984, pp. 3-55						
11	<u>Köhler et a</u>	l., "Cont	inuous cultures of fused of	cells se	cretin	g antibo	dy of	
	Köhler et al., "Continuous cultures of fused cells secreting antibody of predefined specificity," Nature, Vol. 256, 1975, pp. 495-497							
	witeman et al., "Soluble asparaginase-dextran conjugates show ingresses							
- Circulatory persistence and lowered antigen reactivity " J ph								
	PHATMACOL.	Pharmacol., Vol. 38, 1986, pp. 264-271						
$\mathcal{U}$	Kagedal et al., "Binding of Covalent Proteins to Polysaccharides by Cyano-							
	J den Blomide and Organic Cyanates. I. Preparation of Soluble Clusine							
	No. 5, 197	Insulin- and Ampicillin-dextran, " Acta Chemica Scandinavica, Vol. 25, No. 5, 1971, pp. 1855-1859						
Monsigny et al., "Colorimetric Determination of Neutral Sugars by a								
Resorcinol Sulfuric Acid Micromethod, " Analytical Biochemistry, Vol.								
1/3, 1988, pp. 525-530								
Brinkley, "A Brief Survey of Methods for Preparing Protein Conjugat							es with	
	Byes, Haptens, and Cross-Linking Reagents, Bioconjugate Chem Vol 3							
<del></del>	1992, pp. 2-13							
Chu et al., "Further Studies on the Immunogenicity of Haemophilus							ıflu-	
	- Chizae Type b and Pheumococcal Type 6A Polysaccharide-Protein							
	Conjugates, Infection and Immunity, April 1983, pp. 245-256							
Schneerson et al., "Preparation, Characterization, and Immunogenicity of Haemophilus Influenzae Type b Polygogabasida D., and Immunogenicity of							y of	
	Haemophilus Influenzae Type b Polysaccharide-Protein Conjugates,"  The Journal of Experimental Medicine, Vol. 152, No. 1, 1980, pp. 361-376							
	Kohn et al., "Procedures for the Analysis of Cyanogen Bromide-Activated							
$\alpha$	sepharose or Sephadex by Quantitative Determination of Cyanata Estars							
10		and imidocarbonates, "Analytical Biochem., Vol. 115, 1981, pp. 375-393						
U	Marbury et a.	Mainting et al., "Bimolecular Chemistry of Macromolecules: Synthesis of						
	Bacterial	<u>orysacch</u>	<u>aride Conjugates with Neis</u>	sseria m	eningi	tidie		
11	Membrane Pi	cotein,"	J. Am. Chem. Soc., Vol. 10	1986	nn	<b>5202 520</b>	7	
4	_Roini et al.,	<u>"1-Cyano</u>	<u>-4-dimethylamino pyridini</u>	ım tetra:	fluoro	horate a	s a	
	Cyanylatine	aqent re	<u>or the covalent attachment</u>	of lia:	and to	nolu-		
saccharide resins," FEBS Letters, Vol. 154, No. 1, 1983, pp. 209-210								
Date Considered								
	ray kil	<u> </u>	-   6126	195				
*EXAMINER: Initia if reference considered, whether or not citation is in conformance								
"Ich MFEP 809; draw line through citation if not in conformance and not								
considered. Include copy of this form with next communication to applicant.								